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Functions in General, Doubly Periodic Functions, Construction of Doubly Periodic Functions, The Riemann Surface, The Problem of Inversion, Elliptic Integrals in General, The Moduli of Periodicity for Normal Forms of Legendre and Weierstrass, The Jacobi Theta-function, The Functions *snu, cnu, dnu,* Doubly Periodic Functions of the Second Sort, Elliptic Integrals of the Second Kind, Introduction to Weierstrass's Theory, The Weierstrassian Functions $\wp u$, ζu, σu, The Addition-theorems, The Sigma Functions, The Theta and Sigma Functions when Special Values are given to the Argument, Elliptic Integrals of the Third Kind, Methods of Representing Analytically Doubly Periodic Functions of any Order which have everywhere in the Finite Portion of the Plane the Character of Integral or (Fractional) Rational Functions, The Determination of all Analytic Functions which have Algebraic Addition-theorems.

It is a well-written book for the ground covered.

An Introduction to Algebraic Geometry. By A. CLEMENT-JONES. Oxford: The Clarendon Press. Pp. 548. 12/–.

The main principles observed in the construction of this book as stated by the author are (1) to utilize the previous knowledge of the student; (2) to make the subject self-dependent; (3) to arrange the book work in such logical order that any portion can be readily found; (4) to illustrate difficulties by worked-out problems, each selected with a definite object; (5) to graduate the exercises and to select only those which can be done by the preceding bookwork. These principles have been rather carefully carried out and the book as a whole is such that any student who peruses it with care will have a good knowledge of the subject. It differs from the usual American text on the subject in being more comprehensive and in treating the conics from the standpoint of the general equation of the second degree. Besides rectangular and polar co-ordinates there are chapters on Tangential, Trilinear, and Aerial co-ordinates.

The Theory of Functions of a Real Variable. Vol. II. By JAMES PIERPONT. Boston: Ginn and Company. Pp. 645. $5.00.

This is not a treatise or a manual but a reproduction of the author's university lectures with necessary modifications. A distinctive feature of the work is the author's attempt to develop the theory of functions with reference to a general domain of definition. Other features are his theory of measure, his theory of Lebesgue integrals, and his theory of integrals based upon the notion of the division of any set into mixed partial sets. The book is a credit to both author and publishers.

Syllabus of Mathematics. Ithaca: Secretary of the Society for the Promotion of Engineering Education. Pp. 136. 75 cents.

This is a symposium compiled by the committee on the teaching of mathematics to students of engineering and should be in the hands of

every teacher of mathematics in engineering schools, or who prepare students for engineering courses.

A Shorter Geometry. By C. GODFREY and A. W. SIDDONS. Cambridge: The University Press; G. P. Putnam's Sons, American representatives. Pp. 301. 80 cents.

The Expert Wood Finisher. By A. ASHMAN KELLY. Malvern: The Master Painter Publishing Company. Pp. 339. $3.00.

This is a complete manual of the art of finishing woods by staining, filling, varnishing, waxing, etc., and by a man who is thoroughly familiar with these processes. It is a storehouse of information and suitable not only for the man who works in wood finishing for a business but for those who work a little at it from time to time as many teachers do.

Mind in the Making. By EDGAR JAMES SWIFT. New York: Charles Scribner's Sons. Pp. 329.

While the general public to so large an extent is interested in and concerned about the curriculum of our schools in regard to its bearing on that training which they think will enable the pupils to make a better living, educators here and there are emphasizing the importance of the student rather than the course. This book is a plea for the personal element in education and for the extension of the experimental method. The chapter headings are: Standards of Human Power, Criminal Tendencies of Boys: Their Cause and Function, The School and the Individual, Reflex Neuroses and their Relation to Development, Some Nervous Disturbances of Development, Psychology of Learning, The Racial Brain and Education, Experimental Pedagogy, School-Mastering Education, Man's Educational Reconstruction of Nature.

Old Age Deferred. By ARNOLD LORAND, M.D. Philadelphia: F. A. Davis Company. Pp. 480. $2.50 net.

The object of this book is not to show how to turn old age into youth, but to show how the term of youthfulness may be prolonged. Old age is considered a chronic disease due to degeneration of the glands with internal secretions, of the thyroid, the sexual glands, and the adrenals in particular. These are shown to be amenable to treatment just as any chronic disease. The author has written the book in such a way that the lay reader may easily comprehend it and profit by the suggestions made which are so supported by reason as to be convincing. It is full of common sense and no reader should fail to derive benefit from the numerous hints that are given for the preservation of health and the prolongation of life.